ABSTRACT

The invention relates to a method and a device for determining the causes of failures in industrial processes, in particular continuous processes with continuous webs, e.g. paper, textiles, plastic or metal films. Equipment and machines for industrial processes, in particular processes with continuous webs are frequently very complex combinations of drive components and automation components. As a result process failures are very difficult to detect and evaluate, among other reasons because they generally manifest themselves at different points in the equipment or machine. The present invention provides a monitoring system the monitors and measures output signals throughout the industrial process to determine if any failures will or may occur and provide data analysis to determine what caused the failure be means of the online monitoring.